

(19) World Intellectual Property  
Organization  
International Bureau



12 APR 2005



(43) International Publication Date  
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number  
**WO 2004/036661 A3**

- (51) International Patent Classification<sup>7</sup>: **H01L 33/00**, C08K 3/00, C08L 77/10, 71/00, 81/06, 79/08 // (C08K 3/00, 3:00, 3:04)
- (21) International Application Number: PCT/US2003/032603
- (22) International Filing Date: 15 October 2003 (15.10.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/418,184 15 October 2002 (15.10.2002) US
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
- with international search report
  - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 10 June 2004
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: ANTI-YELLOWING POLYCONDENSATION POLYMER COMPOSITIONS AND ARTICLES

(57) Abstract: A composition, having an improved resistance to yellowing under heat aging, comprising at least 20 weight % of at least one polycondensation polymer having a heat deflection temperature of above 80 °C under a load of 1.82 MPa when measured according to ASTM D648, from 0 to 5 weight % of at least one polymer having a heat deflection temperature of at most 80 °C under a load of 1.82 MPa when measured according to ASTM D648, a white pigment; and a black pigment provides resistance to heat aging induced yellowing. The polycondensation polymers are advantageously selected from the group consisting of polyarylethersulfones, at least partially aromatic polyamides, polyamideimides, liquid crystalline polymers, polyimides, polyetherimides, polyaryletherketones, and polyphenylene sulfides. The polymer composition can be molded to form a variety of articles, including LED components, such as reflectors, reflector cups, and scramblers.

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/32603

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L33/00 C08K3/00 C08L77/10 C08L71/00 C08L81/06  
C08L79/08  
/(C08K3/00,3:00,3:04)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/60009 A (BP AMOCO CORP ; ROCK JOHN A (US)) 12 October 2000 (2000-10-12)  abstract; claims 1-19 page 6 page 12; table 4	1-3,6-8, 10-13, 15,16, 18,19,21
X	EP 0 926 175 A (TORAY INDUSTRIES) 30 June 1999 (1999-06-30) abstract; claims 1-14 page 8, line 48 page 9, lines 14-34 page 11, lines 25-34 page 12, lines 16-50  -/-	1-21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

19 April 2004

Date of mailing of the international search report

28/04/2004

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International Application No.

PCT/US 03/32603

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 6 355 723 B1 (VAN BAAL HARRY ET AL) 12 March 2002 (2002-03-12)</p> <p>abstract; claims 1-29 column 1, lines 7-11,43 column 3, line 17 column 5, line 43 column 6, lines 5-25 column 8; table 1</p>	<p>1-3, 7-16, 18-21</p>
X	<p>WO 00/20510 A (GOERRISSEN HEINER ; BASF AG (DE); WEBER MARTIN (DE); GUENTHERBERG NORB) 13 April 2000 (2000-04-13)</p> <p>abstract; claims 1-10 page 15, line 25 page 21, line 25</p>	<p>1,2,4, 7-16, 18-21</p>
A	<p>US 6 249 271 B1 (ALBERT JONATHAN D ET AL) 19 June 2001 (2001-06-19)</p> <p>abstract; claims 1-24</p>	<p>1-21</p>

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